



**NOTES:**

1. ELBOWS SHALL NOT BE GREATER THAN 45 DEGREES.
2. CLEAN OUT IS REQUIRED FOR EACH PIPE LENGTH GREATER THAN 100' AND FOR EACH 90 DEGREES ACCUMULATED ELBOW PER 100'
3. RIGHT-OF-WAY RESTORATION SHALL MATCH OR EXCEED THE ORIGINAL CONDITION AND BE IN ACCORDANCE WITH THE CITY STANDARD.
4. FOR PIPE PLACED UNDER PAVED AREAS, THE ABOVE BACKFILL ABOVE PIPE ZONE BEDDING SHALL BE PLACED IN HORIZONTAL LAYERS NO MORE THAN 6-INCHES THICK AND COMPACTED TO 95% MAXIMUM DRY DENSITY.
5. ALL HOUSE PLUMBING OUTLETS MUST BE CONNECTED TO THE SEWER. NO DOWNSPOUTS OR STORM DRAINAGE MAY BE CONNECTED TO THE SEWER SYSTEM.
6. 6' MINIMUM COVERAGE AT PROPERTY LINE.
7. LAY PIPE IN STRAIGHT LINE BETWEEN BENDS. MAKE ALL CHANGES IN GRADE OR LINE WITH A 1/8 BEND OR WYE. 90 DEGREE CHANGE WITH 1/8 BEND AND WYE.
8. 6" SEWER PIPE MINIMUM SIZE IN STREET, AND ELSEWHERE AS DIRECTED BY ENGINEER. 2% MINIMUM GRADE (UNLESS DIRECTED BY ENGINEER) 50% MAXIMUM.
9. 4" SEWER PIPE MINIMUM SIZE ON PROPERTY. 2% MINIMUM GRADE, 100% (45 DEGREE) MAXIMUM.
10. CONSTRUCTION IN STREET MUST BE DONE BY A LICENSED CONTRACTOR.
11. ALL CONSTRUCTION REQUIRES A PERMIT AND PAYMENT OF FEE, COMPLETE LEGAL DESCRIPTION OF PROPERTY AND DIMENSIONS.
12. BACKFLOW PREVENTER (CHECK VALVE) IS REQUIRED:
  - A. IF CONNECTED TO A COMBINED SIDE SEWER.
  - B. IF CONNECTION AT HOUSE IS LOWER THAN UPSTREAM MANHOLE LID.
13. AS-BUILT DRAWING SHOWING LOCATION OF SIDE SEWER IN RELATION TO THE HOUSE IS REQUIRED AFTER INSTALLATION.
14. CLANOUTS SHALL BE VISIBLE AT FINISH GRADE. IF INSTALLED BELOW FINISH GRADE, AN ACCESSIBLE COVER IS REQUIRED.

**STANDARD DETAIL  
RESIDENTIAL SIDE  
SEWER INSTALLATION**



SCALE: AS SHOWN		DATE DRAWN		REVISIONS	
DESIGNED	DRAWN	12/04/2020	CHECKED	DATE	INITIAL
APPROVED BY	CAW			01/01/2022	AJS
STANDARD SPECIFICATIONS		DATE APPROVED			
DETAIL NO.					
S-110					
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